

L Number	Hits	Search Text	DB	Time stamp
1	390	array near3 (light adj emitter)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 16:37
2	1	((array near3 (light adj emitter)) with substrate with (laser photodetector))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 16:39
3	60	((array near3 (light adj emitter)) with (laser photodetector))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 16:07
4	7	((array near3 (light adj emitter)) with (laser photodetector)) and pad	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 16:08
5	12	((array near3 (light adj emitter)) and ((bond bonding) adj pad))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 16:30
6	1	6184971.URPN.	USPAT	2002/06/28 16:10
7	8	("5255013" "5258629" "5745152" "5809216" "5917535" "5940113" "6002420" "6014202").PN.	USPAT	2002/06/28 16:11
8	6	5258629.URPN.	USPAT	2002/06/28 16:26
9	7	("4605944" "4707716" "4721977" "4951098" "5134340" "5138337" "5138338").PN.	USPAT	2002/06/28 16:26
10	7	("4605944" "4707716" "4721977" "4951098" "5134340" "5138337" "5138338").PN.	USPAT	2002/06/28 16:29
11	1686	((test testing) with ((bond bonding) adj pad))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 16:39
12	696	array with (light near emitter)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 16:38
13	1	((test testing) with ((bond bonding) adj pad)) and (array with (light near emitter))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 16:38
14	869	((test testing) with ((bond bonding) adj pad)) and probe	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 16:39
15	285	((test testing) with ((bond bonding) adj pad)) and probe and (laser photodetector led (light adj emitter))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 16:40

16	38	(US-5722826-\$ or US-5601466-\$ or US-5586007-\$ or US-5500785-\$ or US-5917231-\$ or US-6198170-\$ or US-6372624-\$ or US-6339337-\$ or US-6333555-\$ or US-6329722-\$ or US-6320397-\$ or US-6150717-\$ or US-6130148-\$ or US-5519332-\$ or US-5426266-\$ or US-5206585-\$ or US-6404063-\$ or US-5962921-\$ or US-6358831-\$ or US-6287950-\$ or US-6281041-\$ or US-6112002-\$ or US-5287002-\$ or US-5042148-\$ or US-4983908-\$ or US-5491352-\$).did. or (US-6181144-\$ or US-5926029-\$ or US-5678301-\$ or US-6022797-\$ or US-5986294-\$ or US-5892276-\$ or US-6343514-\$ or US-5563901-\$ or US-6184971-\$).did. or (US-20010020749-\$ or US-20010019180-\$ or US-20020003822-\$).did.	USPAT; US-PGPUB	2002/06/28 16:40
17	282	(((((test testing) with ((bond bonding) adj pad)) and probe) and (laser photodetector led (light adj emitter))) not ((US-5722826-\$ or US-5601466-\$ or US-5586007-\$ or US-5500785-\$ or US-5917231-\$ or US-6198170-\$ or US-6372624-\$ or US-6339337-\$ or US-6333555-\$ or US-6329722-\$ or US-6320397-\$ or US-6150717-\$ or US-6130148-\$ or US-5519332-\$ or US-5426266-\$ or US-5206585-\$ or US-6404063-\$ or US-5962921-\$ or US-6358831-\$ or US-6287950-\$ or US-6281041-\$ or US-6112002-\$ or US-5287002-\$ or US-5042148-\$ or US-4983908-\$ or US-5491352-\$).did. or (US-6181144-\$ or US-5926029-\$ or US-5678301-\$ or US-6022797-\$ or US-5986294-\$ or US-5892276-\$ or US-6343514-\$ or US-5563901-\$ or US-6184971-\$).did. or (US-20010020749-\$ or US-20010019180-\$ or US-20020003822-\$).did.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 16:41
18	197	(((((test testing) with ((bond bonding) adj pad)) and probe) and (laser photodetector led (light adj emitter))) not ((US-5722826-\$ or US-5601466-\$ or US-5586007-\$ or US-5500785-\$ or US-5917231-\$ or US-6198170-\$ or US-6372624-\$ or US-6339337-\$ or US-6333555-\$ or US-6329722-\$ or US-6320397-\$ or US-6150717-\$ or US-6130148-\$ or US-5519332-\$ or US-5426266-\$ or US-5206585-\$ or US-6404063-\$ or US-5962921-\$ or US-6358831-\$ or US-6287950-\$ or US-6281041-\$ or US-6112002-\$ or US-5287002-\$ or US-5042148-\$ or US-4983908-\$ or US-5491352-\$).did. or (US-6181144-\$ or US-5926029-\$ or US-5678301-\$ or US-6022797-\$ or US-5986294-\$ or US-5892276-\$ or US-6343514-\$ or US-5563901-\$ or US-6184971-\$).did. or (US-20010020749-\$ or US-20010019180-\$ or US-20020003822-\$).did.)) and (thickness dimension)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 16:43

19	97	((((test testing) with ((bond bonding) adj pad)) and probe) and (laser photodetector led (light adj emitter))) not ((US-5722826-\$ or US-5601466-\$ or US-5586007-\$ or US-5500785-\$ or US-5917231-\$ or US-6198170-\$ or US-6372624-\$ or US-6339337-\$ or US-6333555-\$ or US-6329722-\$ or US-6320397-\$ or US-6150717-\$ or US-6130148-\$ or US-5519332-\$ or US-5426266-\$ or US-5206585-\$ or US-6404063-\$ or US-5962921-\$ or US-6358831-\$ or US-6287950-\$ or US-6281041-\$ or US-6112002-\$ or US-5287002-\$ or US-5042148-\$ or US-4983908-\$ or US-5491352-\$).did. or (US-6181144-\$ or US-5926029-\$ or US-5678301-\$ or US-6022797-\$ or US-5986294-\$ or US-5892276-\$ or US-6343514-\$ or US-5563901-\$ or US-6184971-\$).did. or (US-20010020749-\$ or US-20010019180-\$ or US-20020003822-\$).did.)) and thickness and dimension	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 16:41
20	86	((((test testing) with ((bond bonding) adj pad)) and probe) and (laser photodetector led (light adj emitter))) not ((US-5722826-\$ or US-5601466-\$ or US-5586007-\$ or US-5500785-\$ or US-5917231-\$ or US-6198170-\$ or US-6372624-\$ or US-6339337-\$ or US-6333555-\$ or US-6329722-\$ or US-6320397-\$ or US-6150717-\$ or US-6130148-\$ or US-5519332-\$ or US-5426266-\$ or US-5206585-\$ or US-6404063-\$ or US-5962921-\$ or US-6358831-\$ or US-6287950-\$ or US-6281041-\$ or US-6112002-\$ or US-5287002-\$ or US-5042148-\$ or US-4983908-\$ or US-5491352-\$).did. or (US-6181144-\$ or US-5926029-\$ or US-5678301-\$ or US-6022797-\$ or US-5986294-\$ or US-5892276-\$ or US-6343514-\$ or US-5563901-\$ or US-6184971-\$).did. or (US-20010020749-\$ or US-20010019180-\$ or US-20020003822-\$).did.)) and (pad with (thickness dimension))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 16:43
21	17	5506499.URPN.	USPAT	2002/06/28 16:55
22	23	("3822465" "4581706" "4845543" "4926238" "4951098" "5053700" "5057900" "5132772" "5150193" "5239447" "5263246" "5286927" "5296745" "5327834" "5334809" "5336649" "5342807" "5358904" "5391516" "5432807" "5506499" "5523697" "5554940").PN.	USPAT	2002/06/28 16:59
23	23	("3822465" "4581706" "4845543" "4926238" "4951098" "5053700" "5057900" "5132772" "5150193" "5239447" "5263246" "5286927" "5296745" "5327834" "5334809" "5336649" "5342807" "5358904" "5391516" "5432807" "5506499" "5523697" "5554940").PN.	USPAT	2002/06/28 17:03
24	5	("5506499" "5799021" "5891745" "5896039" "5991232").PN.	USPAT	2002/06/28 17:03
25	0	6373143.URPN.	USPAT	2002/06/28 17:04

26	29	{"3717800" "4223337" "4241360" "4403240" "4447857" "4951098" "4959706" "4990996" "5155577" "5342992" "5442740" "5455460" "5473196" "5506499" "5517127" "5554940" "5731709" "5783868" "5844312" "5854513" "5856687" "5886414" "5914614" "5923047" "5994152" "6025730" "6025733" "6091155" "6107111") .PN.	USPAT	2002/06/28 17:04
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L Number	Hits	Search Text	DB	Time stamp
11	8446	(flipchip (flip adj chip))	USPAT;	2002/06/28
12	13145	(flipchip (flip adj chip))	EPO; JPO USPAT; US-PGPUB; EPO; JPO; DERWENT	10:09 2002/06/28 13:04
13	2877	((flipchip (flip adj chip))) and ((bond bonding) adj pad)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 10:22
14	476	((bond bonding) adj pad) near3 (thick thickness)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 13:08
15	75	((flipchip (flip adj chip))) and (((bond bonding) adj pad) near3 (thick thickness))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 10:23
16	0	6339337.URPN.	USPAT	2002/06/28 10:32
17	5	("4841150" "5406213" "5493236" "5532607" "5761337").PN.	USPAT	2002/06/28 10:32
18	17	5426266.URPN.	USPAT	2002/06/28 10:49
19	1	"5307559".PN.	USPAT	2002/06/28 10:52
20	39	5206585.URPN.	USPAT	2002/06/28 10:55
22	503	((bond bonding) adj pad) with dimension	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 13:05
23	29378	((bond bonding) adj pad) near3dimension	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 13:05
24	216	((bond bonding) adj pad) near3 dimension	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 13:05
21	6	((bond bonding) adj pad) near3 (thick thickness)) with dimension	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 13:05
25	1545	((bond bonding) adj pad) with (thick thickness)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 13:09
26	114	((bond bonding) adj pad) with dimension) and ((bond bonding) adj pad) with (thick thickness))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 13:13
27	95	((bond bonding) adj pad) with dimension) and ((bond bonding) adj pad) with (thick thickness))) not (((flipchip (flip adj chip))) and ((bond bonding) adj pad) near3 (thick thickness)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 13:13
28	0	6287950.URPN.	USPAT	2002/06/28 13:29
29	5	("4628590" "5731243" "5807787" "6060378" "6200889").PN.	USPAT	2002/06/28 13:29
30	3	6198170.URPN.	USPAT	2002/06/28 13:33
31	0	6112002.URPN.	USPAT	2002/06/28 13:38
32	2	("5857049" "5909524").PN.	USPAT	2002/06/28 13:38
33	10	5287002.URPN.	USPAT	2002/06/28 13:46

34	5	5391920.URPN.	USPAT	2002/06/28 13:49
35	11	5042148.URPN.	USPAT	2002/06/28 13:51
36	21	("3809625" "4027935" "4161692" "4585991" "4906920" "5042148" "5172050" "5177439" "5180977" "5225037" "5264787" "5483741" "5565767" "5678301" "5686317" "5712571" "5915977" "5917329" "5926029" "5931685" "5962921").PN.	USPAT	2002/06/28 13:53
39	10	5565767.URPN.	USPAT	2002/06/28 13:59
40	10	5565767.URPN.	USPAT	2002/06/28 13:59
41	5	("3867693" "4508981" "4720671" "4779041" "5280237").PN.	USPAT	2002/06/28 13:59
42	40	5678301.URPN.	USPAT	2002/06/28 14:00
43	6	("3813773" "4059480" "4066491" "4647476" "4851767" "4961052").PN.	USPAT	2002/06/28 14:04
94	6	"5892276"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 14:40
95	10	"5391920"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 14:41
96	16	"5892276" "5391920"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/28 14:41
97	2	5892276.URPN.	USPAT	2002/06/28 14:48
98	2	5892276.URPN.	USPAT	2002/06/28 14:50
99	2	("5075753" "5581109").PN.	USPAT	2002/06/28 14:50
100	2	("5162893" "5436485").PN.	USPAT	2002/06/28 14:51

L Number	Hits	Search Text	DB	Time stamp
1	10878	crystalline adj silicon	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/30 21:02
2	68	(crystalline adj silicon) near2 (die chip)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/30 21:09
3	67	(US-5722826-\$ or US-5601466-\$ or US-5586007-\$ or US-5500785-\$ or US-5917231-\$ or US-6198170-\$ or US-6372624-\$ or US-6339337-\$ or US-6333555-\$ or US-6329722-\$ or US-6320397-\$ or US-6150717-\$ or US-6130148-\$ or US-5519332-\$ or US-5426266-\$ or US-5206585-\$ or US-6404063-\$ or US-5962921-\$ or US-6358831-\$ or US-6287950-\$ or US-6281041-\$ or US-6112002-\$ or US-5287002-\$ or US-5042148-\$ or US-4983908-\$ or US-5491352-\$).did. or (US-6181144-\$ or US-5926029-\$ or US-5678301-\$ or US-6022797-\$ or US-5986294-\$ or US-5892276-\$ or US-6343514-\$ or US-5563901-\$ or US-6184971-\$ or US-4951098-\$ or US-5506499-\$ or US-6373143-\$ or US-6351405-\$ or US-5891745-\$ or US-5554940-\$ or US-6091155-\$ or US-5886414-\$ or US-5854513-\$ or US-5783868-\$ or US-5517127-\$ or US-6369407-\$ or US-6166556-\$ or US-5899703-\$ or US-6342399-\$ or US-5319224-\$ or US-4899174-\$ or US-4747076-\$).did. or (US-4633280-\$ or US-4413272-\$ or US-6337507-\$ or US-6258700-\$ or US-5969404-\$ or US-5708291-\$ or US-4748491-\$ or US-4494135-\$ or US-4924276-\$ or US-5063420-\$ or US-6008061-\$).did. or (US-20010020749-\$ or US-20010019180-\$ or US-20020003822-\$).did.	USPAT; US-PGPUB	2002/06/30 21:03

4	1	(crystalline adj silicon) and ((US-5722826-\$ or US-5601466-\$ or US-5586007-\$ or US-5500785-\$ or US-5917231-\$ or US-6198170-\$ or US-6372624-\$ or US-6339337-\$ or US-6333555-\$ or US-6329722-\$ or US-6320397-\$ or US-6150717-\$ or US-6130148-\$ or US-5519332-\$ or US-5426266-\$ or US-5206585-\$ or US-6404063-\$ or US-5962921-\$ or US-6358831-\$ or US-6287950-\$ or US-6281041-\$ or US-6112002-\$ or US-5287002-\$ or US-5042148-\$ or US-4983908-\$ or US-5491352-\$).did. or (US-6181144-\$ or US-5926029-\$ or US-5678301-\$ or US-6022797-\$ or US-5986294-\$ or US-5892276-\$ or US-6343514-\$ or US-5563901-\$ or US-6184971-\$ or US-4951098-\$ or US-5506499-\$ or US-6373143-\$ or US-6351405-\$ or US-5891745-\$ or US-5554940-\$ or US-6091155-\$ or US-5886414-\$ or US-5854513-\$ or US-5783868-\$ or US-5517127-\$ or US-6369407-\$ or US-6166556-\$ or US-5899703-\$ or US-6342399-\$ or US-5319224-\$ or US-4899174-\$ or US-4747076-\$).did. or (US-4633280-\$ or US-4413272-\$ or US-6337507-\$ or US-6258700-\$ or US-5969404-\$ or US-5708291-\$ or US-4748491-\$ or US-4494135-\$ or US-4924276-\$ or US-5063420-\$ or US-6008061-\$).did. or (US-20010020749-\$ or US-20010019180-\$ or US-20020003822-\$).did.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/30 21:04
5	25	((crystalline adj silicon) near2 (die chip)) and (test testing)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/30 21:04
6	25	(crystalline adj silicon) and (led adj array)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/30 21:15
7	5	"5063420"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/30 21:14
8	93812	light adj emitting adj diode	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/30 21:16
9	2702	light adj emitting adj diode adj array	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/30 21:16
10	10	(crystalline adj silicon) and (light adj emitting adj diode adj array)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/06/30 21:17